Ismaila Diallo

List of Publications by Year in descending order

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42 papers	1,707 citations	331670 21 h-index	302126 39 g-index
46 all docs	46 docs citations	46 times ranked	1395 citing authors

#	Article	IF	Citations
1	Modelling the Tropical African Climate using a state-of-the-art coupled regional climate-vegetation model. Climate Dynamics, 2022, 58, 97-113.	3.8	7
2	Potential impact of 1.5, 2 and 3ÂÂ°C global warming levels on heat and discomfort indices changes over Central Africa. Science of the Total Environment, 2022, 804, 150099.	8.0	25
3	Spatio-temporal Analysis of Shoreline Positional Change of Ondo State Coastline Using Remote Sensing and GIS: A Case Study of Ilaje Coastline at Ondo State in Nigeria. Earth Systems and Environment, 2022, 6, 281-293.	6.2	6
4	Extreme Indian Ocean dipole and rainfall variability over Central Africa. International Journal of Climatology, 2022, 42, 5255-5272.	3.5	10
5	Recent Approaches to Climate Change Impacts on Hydrological Extremes in the Upper Blue Nile Basin, Ethiopia. Earth Systems and Environment, 2022, 6, 669-679.	6.2	10
6	Current and future potential of solar and wind energy over Africa using the RegCM4 CORDEX-CORE ensemble. Climate Dynamics, 2021, 57, 1647.	3.8	49
7	Robust late twenty-first century shift in the regional monsoons in RegCM-CORDEX simulations. Climate Dynamics, 2021, 57, 1463-1488.	3.8	47
8	The influence of two landâ€surface hydrology schemes on the terrestrial carbon cycle of Africa: A regional climate model study. International Journal of Climatology, 2021, 41, E1202.	3.5	8
9	Projected Changes in Temperature and Precipitation Over the United States, Central America, and the Caribbean in CMIP6 GCMs. Earth Systems and Environment, 2021, 5, 1-24.	6.2	125
10	Vegetation greening in China and its effect on summer regional climate. Science Bulletin, 2021, 66, 13-17.	9.0	41
11	On the role of a coupled vegetation-runoff system in simulating the tropical African climate: a regional climate model sensitivity study. Theoretical and Applied Climatology, 2021, 145, 313-325.	2.8	6
12	Projected future daily characteristics of African precipitation based on global (CMIP5, CMIP6) and regional (CORDEX, CORDEX-CORE) climate models. Climate Dynamics, 2021, 57, 3135-3158.	3.8	81
13	Impact of Initialized Land Surface Temperature and Snowpack on Subseasonal to Seasonal Prediction Project, Phase I (LS4P-I): organization and experimental design. Geoscientific Model Development, 2021, 14, 4465-4494.	3.6	31
14	A RCM investigation of the influence of vegetation status and runoff scheme on the summer gross primary production of Tropical Africa. Theoretical and Applied Climatology, 2021, 145, 1407-1420.	2.8	10
15	On the Influence of Vegetation Cover Changes and Vegetation-Runoff Systems on the Simulated Summer Potential Evapotranspiration of Tropical Africa Using RegCM4. Earth Systems and Environment, 2021, 5, 883-897.	6.2	16
16	An evaluation of COSMOâ€CLM regional climate model in simulating precipitation over Central Africa. International Journal of Climatology, 2020, 40, 2891-2912.	3.5	23
17	Late 21st Century Projected Changes in the Relationship between Precipitation, African Easterly Jet, and African Easterly Waves. Atmosphere, 2020, 11, 353.	2.3	10
18	Assessing Global and Regional Effects of Reconstructed Land-Use and Land-Cover Change on Climate since 1950 Using a Coupled Landâ€“Atmosphereâ€“Ocean Model. Journal of Climate, 2020, 33, 8997-9013.	3.2	27

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19	Effect of the African greenbelt position on West African summer climate: a regional climate modeling study. Theoretical and Applied Climatology, 2019, 137, 309-322.	2.8	16
20	Evaluation of multi-decadal UCLA-CFSv2 simulation and impact of interactive atmospheric-ocean feedback on global and regional variability. Climate Dynamics, 2019, 52, 3683-3707.	3.8	12
21	Projected changes in the seasonal cycle of extreme rainfall events from CORDEX simulations over Central Africa. Climatic Change, 2019, 155, 339-357.	3.6	23
22	Dynamical downscaling the impact of spring Western US land surface temperature on the 2015 flood extremes at the Southern Great Plains: effect of domain choice, dynamic cores and land surface parameterization. Climate Dynamics, 2019, 53, 1039-1061.	3.8	22
23	Spring Land Surface and Subsurface Temperature Anomalies and Subsequent Downstream Late Springâ€Summer Droughts/Floods in North America and East Asia. Journal of Geophysical Research D: Atmospheres, 2018, 123, 5001-5019.	3.3	65
24	Dust induced changes on the West African summer monsoon features. International Journal of Climatology, 2018, 38, 452-466.	3.5	32
25	Influence of Lake Malawi on regional climate from a double-nested regional climate model experiment. Climate Dynamics, 2018, 50, 3397-3411.	3.8	25
26	Changes in climate extremes over West and Central Africa at 1.5â€‰Â°C and 2â€‰Â°C global warming. Environmental Research Letters, 2018, 13, 065020.	5.2	70
27	Projected impact of climate change in the hydroclimatology of Senegal with a focus over the Lake of Guiers for the twenty-first century. Theoretical and Applied Climatology, 2017, 129, 655-665.	2.8	36
28	On the added value of the regional climate model REMO in the assessment of climate change signal over Central Africa. Climate Dynamics, 2017, 49, 3813-3838.	3.8	46
29	Spring land temperature anomalies in northwestern US and the summer drought over Southern Plains and adjacent areas. Environmental Research Letters, 2016, 11, 044018.	5.2	26
30	Daily characteristics of West African summer monsoon precipitation in CORDEX simulations. Theoretical and Applied Climatology, 2016, 123, 369-386.	2.8	94
31	Projected changes of summer monsoon extremes and hydroclimatic regimes over West Africa for the twenty-first century. Climate Dynamics, 2016, 47, 3931-3954.	3.8	94
32	Evaluation of RegCM4 driven by CAM4 over Southern Africa: mean climatology, interannual variability and daily extremes of wet season temperature and precipitation. Theoretical and Applied Climatology, 2015, 121, 749-766.	2.8	34
33	Hydrological projections under climate change in the near future by RegCM4 in Southern Africa using a large-scale hydrological model. Journal of Hydrology, 2015, 528, 1-16.	5.4	57
34	Climatology, annual cycle and interannual variability of precipitation and temperature in <scp>CORDEX</scp> simulations over West Africa. International Journal of Climatology, 2014, 34, 2241-2257.	3.5	161
35	Simulation of the West African monsoon onset using the HadGEM3-RA regional climate model. Climate Dynamics, 2014, 43, 575-594.	3.8	45
36	Seasonal and intraseasonal changes of African monsoon climates in 21st century CORDEX projections. Climatic Change, 2014, 125, 53-65.	3.6	85

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37	Interannual variability of rainfall over the Sahel based on multiple regional climate models simulations. Theoretical and Applied Climatology, 2013, 113, 351-362.	2.8	62
38	Analysis of rainfall simulated by CORDEX regional climate models over West Africa. SÃ©cheresse, 2013, 24, 14-28.	0.1	9
39	Comparison of mean climate and rainfall interannual variability simulated from regional climate models over the Sahel. SÃ©cheresse, 2013, 24, 96-106.	0.1	9
40	Multimodel GCM-RCM Ensemble-Based Projections of Temperature and Precipitation over West Africa for the Early 21st Century. International Journal of Geophysics, 2012, 2012, 1-19.	1.1	140
41	ReprÃ©sentation haute rÃ©solution du systÃ¨me de mousson ouest africain avec un modÃ¨le climatique rÃ©gional. Journal Des Sciences Pour L IngÃ©nieur, 2011, 12, .	0.0	0
42	Effects of spring Tibetan Plateau land temperature anomalies on early summer floods/droughts over the monsoon regions of South East Asia. Climate Dynamics, 0, , 1.	3.8	8